

**ABSTRACT**

In this application is the expression and purification of a recombinant *Plasmodium falciparum* (3D7) MSP-1<sub>42</sub>. The method of the present invention produces a highly purified protein which retains folding and disulfide bridging of the native molecule. The recombinant MSP-1<sub>42</sub> is useful as a diagnostic reagent, for use in antibody production, and as a vaccine.